

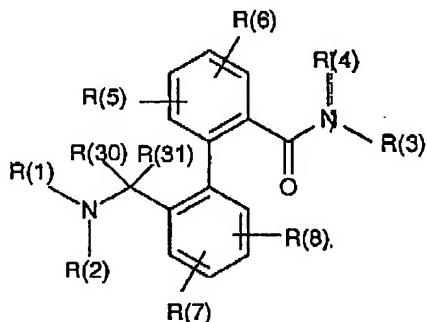
DEAV1999/L060 US NP2
Application No. 10/691,624

PATENT

Amendments to the claims:

Please amend the claims as indicated below. This listing of claims replaces all earlier versions of the claims in the application:

1. (Currently amended) A compound of the formula I,



in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is $C_xH_{2x}R(14)$;

x is 0, 1, 2, 3 or 4,

where x cannot be 0 if R(14) is OR(15);

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8[[.]] or 9 carbon atoms, CF_3 , OR(15)[[.]] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , CN, $COOMe$, $CONH_2$, $COMe$, OH, alkyl having 1, 2, [[or 3]] 3 or 4 carbon atoms, alkoxy having 1 [[or 2]], 2 or 3 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF_3 or phenyl,

where phenyl which is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, $COOMe$, $CONH_2$, $COMe$, OH, alkyl having 1, 2, [[or 3]] 3 or 4 carbon atoms, alkoxy having 1[[or 2]], 2 or 3 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(12) is defined as R(9);

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- R(13) is hydrogen;
- R(2) is hydrogen, alkyl having 1, 2, 3 or 4 carbon atoms or CF₃;
- R(3) is C_yH_{2y}-R(16);
y is 0, 1, 2, 3 or 4,
where y cannot be 0 if R(16) is OR(17) or SO₂Me;
- R(16) is alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8, 9, 10 or 11 carbon atoms, CF₃, C₂F₅, C₃F₇, CH₂F, CHF₂, OR(17), SO₂Me, phenyl[[.]] or naphthyl,
where phenyl[[.]] and naphthyl are unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF₃, OCF₃, NO₂, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(17) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃[[.]] or phenyl,
where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF₃, OCF₃, NO₂, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- or
- R(3) is CHR(18)R(19);
R(18) is hydrogen or C_zH_{2z}-R(16), where R(16) is defined as indicated above;
z is 0, 1, 2 or 3;
- R(19) is COOH, CONH₂, CONR(20)R(21), COOR(22)[[.]] or CH₂OH;
- R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C_vH_{2v}-CF₃ or C_wH_{2w}-phenyl,
where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF₃, OCF₃, NO₂, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
v is 0, 1, 2 or 3;
w is 0, 1, 2 or 3;
- R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms;

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R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;

R(4) is hydrogen, alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms or CF₃;

or

R(3) and R(4)

together are a chain of 4 or 5 methylene groups;

R(5), R(6), R(7) and R(8)

independently of one another are hydrogen, F, Cl, Br, I, CF₃, NO₂, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino; and

R(30) and R(31)

independently of one another are hydrogen or alkyl having 1, 2 or 3 carbon atoms; or a pharmaceutically acceptable salt thereof.

2. (Currently amended) A compound as claimed in claim 1, in which

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is C_xH_{2x}-R(14);

x is 0, 1, 2, 3 or 4,

where x cannot be 0 if R(14) is OR(15);

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(15)[L.I] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2 or 3 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃ or phenyl,

where phenyl which is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2 or 3 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(12) is defined as R(9);

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- R(13) is hydrogen;
- R(2) is hydrogen, alkyl having 1, 2, 3 or 4 carbon atoms or CF_3 ;
- R(3) is $\text{C}_y\text{H}_{2y}\text{-R}(16)$;
- y is 0, 1, 2, 3 or 4,
 where y cannot be 0 if R(16) is OR(17);
- R(16) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , C_2F_5 , OR(17)[.] or phenyl,
 where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , NO_2 , CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(17) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.]$ or phenyl,
 where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , NO_2 , CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- or
- R(3) is CHR(18)R(19);
- R(18) is hydrogen or $\text{C}_z\text{H}_{2z}\text{-R}(16)$, where R(16) is defined as indicated in claim 1 above;
- z is 0, 1, 2 or 3;
- R(19) is CONH₂, CONR(20)R(21), COOR(22)[.] or CH_2OH ;
- R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, $\text{C}_v\text{H}_{2v}\text{-CF}_3$ or $\text{C}_w\text{H}_{2w}\text{-phenyl}$,
 where [the]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , NO_2 , CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- v is 0, 1, 2 or 3;
- w is 0, 1, 2 or 3;
- R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms;

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R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;
 R(4) is hydrogen, alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms or CF₃; and
 R(5), R(6), R(7) and R(8)
 independently of one another are hydrogen, F, Cl, Br, CF₃, NO₂, CN, COOMe,
 CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1,
 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or
 methylsulfonylamino; and
 R(30) and R(31)
 independently of one another are hydrogen or alkyl having 1, 2 or 3 carbon atoms.

3. (Currently amended) A compound as claimed in claim 2, in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);
 R(9) is C_xH_{2x}-R(14);
 x is 0, 1, 2, 3 or 4,
 where x cannot be 0 if R(14) is OR(15);
 R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃,
 OR(15)[.,.] or phenyl,
 where phenyl is unsubstituted or substituted by 1 or 2
 substituents selected from the group consisting of F, Cl,
 Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl
 having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2
 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl
 and methylsulfonylamino;
 R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3,
 4, 5 or 6 carbon atoms, CF₃ or phenyl,
 where phenyl which is unsubstituted or substituted
 by 1 or 2 substituents selected from the group
 consisting of F, Cl, Br, CF₃, CN, COOMe,
 CONH₂, COMe, OH, alkyl having 1, 2 or 3
 carbon atoms, alkoxy having 1 or 2 carbon atoms,
 dimethylamino, sulfamoyl, methylsulfonyl and
 methylsulfonylamino;
 R(12) is defined as R(9);
 R(13) is hydrogen;
 R(2) is hydrogen or alkyl having 1, 2 or 3 carbon atoms;
 R(3) is CHR(18)R(19);
 R(18) is hydrogen or C_zH_{2z}-R(16);
 z is 0, 1, 2 or 3;

- R(19) is CONH₂, CONR(20)R(21), COOR(22) or CH₂OH;
- R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C_vH_{2v}-CF₃ or C_wH_{2w}-phenyl,
where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
v is 0, 1, 2 or 3;
w is 0, 1, 2 or 3;
- R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms;
- R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;
- R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(17)[,.] or phenyl,
where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(17) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃[,.] or phenyl,
where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(4) is hydrogen or alkyl having 1 or 2 carbon atoms; and
- R(5), R(6), R(7) and R(8)
independently of one another are hydrogen, F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino; and
- R(30) and R(31)
independently of one another are hydrogen or methyl.

4. (Currently amended) A compound as claimed in claim 2, in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is C_xH_{2x} -R(14);

x is 0, 1, 2, 3 or 4,

where x cannot be 0 if R(14) is OR(15);

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(15)[[,]] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃ or phenyl,

where phenyl which is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(12) is defined as R(9);

R(13) is hydrogen;

R(2) is hydrogen or alkyl having 1, 2 or 3 carbon atoms;

R(3) is C_yH_{2y} -R(16);

y is 0, 1, 2, 3 or 4,

where y cannot be 0 if R(16) is OR(17);

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(17)[[,]] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(17) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃[[,]] or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, NO₂, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(4) is hydrogen or alkyl having 1 or 2 carbon atoms;

R(5), R(6), R(7) and R(8)

independently of one another are hydrogen, F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino; and

R(30) and R(31)

independently of one another are hydrogen or methyl.

5. (Currently amended) A compound as claimed in claim 4, in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is C_xH_{2x}-R(14);

x is 0, 1, 2 or 3;

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, OCF₃, OH, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms;

R(12) is defined as R(9);

R(13) is hydrogen;

R(2) is hydrogen;

R(3) is C_yH_{2y}-R(16);

y is 0, 1 or 2;

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 5 or 6 carbon atoms, CF₃[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, OCF₃, OH, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms;

R(4) is hydrogen; and

R(5), R(6), R(7) and R(8)

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independently of one another are hydrogen, F, CF₃, CN, COOMe, CONH₂, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms or alkoxy having 1 or 2 carbon atoms; and R(30) and R(31)

independently of one another are hydrogen or methyl.

6. (Currently amended) A compound as claimed in claim 5, in which:

R(1) is C(O)OR(9);

R(9) is C_xH_{2x}-R(14);

x is 0, 1, 2 or 3;

R(14) is cycloalkyl having 5 or 6 carbon atoms or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2

substituents selected from the group consisting of F, Cl,

CF₃, OCF₃, alkyl having 1, 2 or 3 carbon atoms and

alkoxy having 1 or 2 carbon atoms;

R(2) is hydrogen;

R(3) is C_yH_{2y}-R(16);

y is 0, 1 or 2;

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 5 or 6 carbon atoms, CF₃[.,.] or phenyl

where phenyl is unsubstituted or substituted by 1 or 2 substituents

selected from the group consisting of F, Cl, CF₃, OCF₃, alkyl

having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms;

R(4) is hydrogen; and

R(5), R(6), R(7) and R(8)

independently of one another are hydrogen, F, CF₃, alkyl having 1, 2 or 3 carbon atoms or alkoxy having 1 or 2 carbon atoms; and

R(30) and R(31)

are hydrogen.

7. (Original) A pharmaceutical composition, comprising an effective amount of at least one compound as claimed in claim 1 together with a pharmaceutically acceptable vehicle or additive.

8. (Original) A pharmaceutical composition as claimed in claim 7, which further comprises one or more other pharmacologically active compounds.

9 - 10. (Canceled)

11. (Currently amended) A method for the ~~therapy treatment~~ of a re-entry arrhythmia, which comprises administering to a host in need ~~thereof~~ of the therapy or prophylaxis an effective amount of a compound as claimed in claim 1.

12. (Currently amended) A method for the ~~therapy treatment~~ of a supraventricular arrhythmia, which comprises administering to a host in need ~~thereof~~ of the therapy or prophylaxis an effective amount of a compound as claimed in claim 1.

13. (Currently amended) A method for the ~~therapy treatment~~ of atrial fibrillation or atrial flutter, which comprises administering to a host in need ~~thereof~~ of the therapy or prophylaxis an effective amount of a compound as claimed in claim 1.

14. (Currently amended) A method for terminating existing atrial fibrillation or flutter to restore sinus rhythm, which comprises administering to a host in need ~~thereof~~ of the termination an effective amount of a compound as claimed in claim 1.

15 - 17. (Canceled)

18. (Currently amended) A compound as claimed in claim 1, in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is C_xH_{2x} -R(14);

x is 0, 1, 2, 3 or 4,

where x cannot be 0 if R(14) is OR(15);

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(15)[(,)] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF_3 or phenyl,

where phenyl which is unsubstituted or substituted by 1 or 2 substituents selected from the group

consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

- R(12) is defined as R(9);
R(13) is hydrogen;
R(2) is hydrogen or alkyl having 1, 2 or 3 carbon atoms;
R(3) is CHR(18)R(19);
R(18) is hydrogen or C_zH_{2z}-R(16);
z is 0, 1, 2 or 3;
R(19) is CONH₂, CONR(20)R(21), COOR(22) or CH₂OH;
R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C_vH_{2v}-CF₃ or C_wH_{2w}-phenyl,
where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
v is 0, 1, 2 or 3;
w is 0, 1, 2 or 3;
R(21) is hydrogen or alkyl having 1, 2, 3, 4 or 5 carbon atoms;
R(22) is alkyl having 1, 2, 3, 4 or 5 carbon atoms;
R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(17)[L] or phenyl,
where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
R(17) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃[L] or phenyl,
where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1,

2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(4) is hydrogen or alkyl having 1 or 2 carbon atoms; and

R(5), R(6), R(7) and R(8)

independently of one another are hydrogen, F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino; and

R(30) and R(31)

independently of one another are hydrogen or methyl.

19. (Currently amended) A compound as claimed in claim 1, in which:

R(1) is C(O)OR(9) or C(O)NR(12)R(13);

R(9) is C_xH_{2x}-R(14);

x is 0, 1, 2, 3 or 4,

where x cannot be 0 if R(14) is OR(15);

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(15)[,J] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, OCF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(15) is alkyl having 1 or 2 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, CF₃ or phenyl,

where phenyl which is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(12) is defined as R(9);

R(13) is hydrogen;

R(2) is hydrogen or alkyl having 1, 2 or 3 carbon atoms;

R(3) is C_yH_{2y}-R(16);

y is 0, 1, 2, 3 or 4,

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- where y cannot be 0 if R(16) is OR(17);
- R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(17)[.,.] or phenyl,
 where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , CN, COOMe , CONH_2 , COMe , NH_2 , OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(17) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,
 where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , OCF_3 , NO_2 , CN, COOMe , CONH_2 , COMe , OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(4) is hydrogen or alkyl having 1 or 2 carbon atoms;
- R(5), R(6), R(7) and R(8)
 independently of one another are hydrogen, F, Cl, Br, CF_3 , CN, COOMe , CONH_2 , COMe , NH_2 , OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl or methylsulfonylamino; and
- R(30) and R(31)
 independently of one another are hydrogen or methyl.

20. (Currently amended) A compound as claimed in claim 1, in which
 R(30) and R(31) are both hydrogen;
- R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8[.,.] or 9 carbon atoms, CF_3 , OR(15)[.,.] or phenyl,
 where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, COOMe , CONH_2 , COMe , OH, alkyl having 1, 2[.,.] or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;
- R(16) is alkyl having 1, 2, 3, 4, 5 or 6 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8, 9, 10 or 11 carbon atoms, CF_3 , C_2F_5 , C_3F_7 , CH_2F , CHF_2 , OR(17), $\text{SO}_2\text{Me}[.,.]$ or phenyl,
 where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF_3 , NO_2 , CN, COOMe ,

CONH_2 , COMe , NH_2 , OH , alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(17) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF_3 , NO_2 , CN, COOMe , CONH_2 , COMe , NH_2 , OH , alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, $\text{C}_v\text{H}_{2v}\text{-CF}_3$ or C_wH_{2w} -phenyl,

where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, I, CF_3 , NO_2 , CN, COOMe , CONH_2 , COMe , NH_2 , OH , alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino, ~~wherein~~

v is 0, 1, 2 or 3; and

w is 0, 1, 2 or 3.

21. (Currently amended) A compound as claimed in claim 2, in which

R(30) and R(31) are both hydrogen;

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(15)[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, COOMe , CONH_2 , COMe , OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2[.,.] or 3 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(16) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(17)[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , NO_2 , CN, COOMe , CONH_2 , COMe , NH_2 , OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(17) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, NO₂, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

- R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C_vH_{2v}-CF₃ or C_wH_{2w}-phenyl,

where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, NO₂, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino, wherein

v is 0, 1, 2 or 3; and

w is 0, 1, 2 or 3.

22. (Currently amended) A compound as claimed in claim 3, in which:

R(30) and R(31) are both hydrogen;

- R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(15)[[.]] or phenyl, where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

- R(20) is hydrogen, alkyl having 1, 2, 3, 4 or 5 carbon atoms, C_vH_{2v}-CF₃ or C_wH_{2w}-phenyl,

where [[the]]phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

v is 0, 1, 2 or 3;

w is 0, 1, 2 or 3;

- R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF₃, OR(17)[[.]] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF₃, CN, COOMe, CONH₂, COMe, NH₂, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon

atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

R(17) is alkyl having 1, 2, 3 or 4 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, COOMe, CONH_2 , COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino.

23. (Currently amended) A compound as claimed in claim 4, in which:

R(30) and R(31) are both hydrogen;

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(15)[.,.] or phenyl where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, COOMe, CONH_2 , COMe, OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino;

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, CF_3 , OR(17)[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, Br, CF_3 , CN, COOMe, CONH_2 , COMe, NH_2 , OH, alkyl having 1, 2 or 3 carbon atoms, alkoxy having 1 or 2 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino; and

R(17) is alkyl having 1, 2, 3, 4 or 5 carbon atoms, cycloalkyl having 3, 4, 5 or 6 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,

where phenyl is unsubstituted or substituted by 1, 2 or 3 substituents selected from the group consisting of F, Cl, Br, CF_3 , NO_2 , CN, COOMe, CONH_2 , COMe, OH, alkyl having 1, 2, 3 or 4 carbon atoms, alkoxy having 1, 2, 3 or 4 carbon atoms, dimethylamino, sulfamoyl, methylsulfonyl and methylsulfonylamino.

24. (Currently amended) A compound as claimed in claim 5, in which:

R(30) and R(31) are both hydrogen;

R(14) is cycloalkyl having 3, 4, 5, 6, 7, 8 or 9 carbon atoms, $\text{CF}_3[.,.]$ or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, OH, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms; and

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 5 or 6 carbon atoms, CF₃[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, OH, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms.

25. (Currently amended) A compound as claimed in claim 6, in which:

R(14) is cycloalkyl having 5 or 6 carbon atoms or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms; and

R(16) is alkyl having 1, 2 or 3 carbon atoms, cycloalkyl having 5 or 6 carbon atoms, CF₃[.,.] or phenyl,

where phenyl is unsubstituted or substituted by 1 or 2 substituents selected from the group consisting of F, Cl, CF₃, alkyl having 1, 2 or 3 carbon atoms and alkoxy having 1 or 2 carbon atoms,

26. (Original) A method for preventing the re-occurrence of arrhythmias, which comprises administering to a host in need thereof an effective amount of a compound as claimed in claim 1.